

140 Product Registration

Functional Group ID= **WA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

Notes:

1. Organizations use this transaction set to report events regarding the custody or status of small arms, inquire into the custody or status of small arms, reconcile small arms data records, reject small arms reconciliation reports, follow up on unacknowledged rejections, and respond to rejections of small arms reconciliation reports.

2. Use a single occurrence of this transaction set to transmit small arms information to one or more organizations. Use one occurrence of this transaction set to transmit single or multiple transactions of the same type.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6	010	ST	Transaction Set Header	M	1		
7	020	BGN	Beginning Segment	M	1		n1
Not Used	030	N9	Reference Identification	O	>1		n2
LOOP ID - N1						3	
10	040	N1	Name	M	1		n3
Not Used	050	N2	Additional Name Information	O	2		
Not Used	060	N3	Address Information	O	3		
Not Used	070	N4	Geographic Location	O	1		
Not Used	080	REF	Reference Identification	O	2		
12	090	PER	Administrative Communications Contact	O	2		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - LX						>1	

140A - Product Registration (Small Arms Reporting)

15	010	LX	Assigned Number	M	1	n4
16	015	REF	Reference Identification	O	>1	n5
LOOP ID - N1					>1	
18	020	N1	Name	M	1	n6
Not Used	030	N2	Additional Name Information	O	2	
Not Used	040	N3	Address Information	O	3	
Not Used	050	N4	Geographic Location	O	1	
Not Used	060	PER	Administrative Communications Contact	O	>1	n7
Not Used	070	DTM	Date/Time Reference	O	1	
Not Used	080	REF	Reference Identification	O	>1	n8
LOOP ID - LM					>1	
20	086	LM	Code Source Information	O	1	
21	087	LQ	Industry Code	M	100	
LOOP ID - LIN					>1	
23	090	LIN	Item Identification	M	1	n9
Not Used	100	PID	Product/Item Description	O	>1	n10
Not Used	110	QTY	Quantity	O	1	n11
26	120	DTM	Date/Time Reference	O	>1	n12
28	130	REF	Reference Identification	O	>1	n13
LOOP ID - N1					>1	
30	140	N1	Name	O	1	n14
Not Used	150	N2	Additional Name Information	O	2	
Not Used	160	N3	Address Information	O	3	
Not Used	170	N4	Geographic Location	O	1	
Not Used	180	PER	Administrative Communications Contact	O	>1	n15
LOOP ID - PSC					>1	
Not Used	190	PSC	Product Service Contract	O	1	n16
Not Used	200	SSS	Special Services	O	>1	n17
Not Used	210	AMT	Monetary Amount	O	>1	n18
Not Used	220	CUR	Currency	O	1	n19
Not Used	230	ITA	Allowance, Charge or Service	O	1	n20
Not Used	240	TXI	Tax Information	O	1	n21
Not Used	250	ITD	Terms of Sale/Deferred Terms of Sale	O	1	n22
Not Used	260	N9	Reference Identification	O	>1	n23
LOOP ID - SLN					>1	
Not Used	270	SLN	Subline Item Detail	O	1	n24
Not Used	280	PID	Product/Item Description	O	>1	
Not Used	290	QTY	Quantity	O	1	
Not Used	300	DTM	Date/Time Reference	O	>1	
Not Used	310	REF	Reference Identification	O	>1	
LOOP ID - N1					>1	
Not Used	320	N1	Name	O	1	n25
Not Used	330	N2	Additional Name Information	O	2	
Not Used	340	N3	Address Information	O	3	
Not Used	350	N4	Geographic Location	O	1	
Not Used	360	PER	Administrative Communications Contact	O	>1	n26

			LOOP ID - PSC		>1
Not Used	370	PSC	Product Service Contract	O	1
Not Used	380	SSS	Special Services	O	>1
Not Used	390	AMT	Monetary Amount	O	>1
Not Used	400	CUR	Currency	O	1
Not Used	410	ITA	Allowance, Charge or Service	O	1
Not Used	420	TXI	Tax Information	O	1
Not Used	430	ITD	Terms of Sale/Deferred Terms of Sale	O	1
Not Used	440	N9	Reference Identification	O	>1
			LOOP ID - LM		>1
31	450	LM	Code Source Information	O	1
32	460	LQ	Industry Code	M	100
33	470	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. BGN02 is used as the initial reference identifier for this transaction. BGN03 defines the date of this registration transaction. Normally BGN04 and BGN05 would not be used in this transaction. BGN01 is normally set to 00 to indicate that this is an original registration. Product registration is normally a by-product of a sale.
2. The N9 segment can provide a reference to a previous registration transaction. For example, this could be a replacement of a previous registration transaction.
3. The N1 loop defines the party submitting the product registration, usually the seller of the product rather than the customer, and the party who maintains the registration database, usually the manufacturer of the product. The N1 loop also can be used to specify the product's distributor.
4. Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.
5. The REF segment is used to identify the individual registration number. It can include the data element 128, code value Q8, "Registration Number."
6. The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration. An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.
7. The PER segment is used to provide an individual's or department's name for a particular support function and, if desired, their communication number for a phone, electronic mail, etc.
8. The REF segment could be used to identify the item into or onto which this product being warranted will be residing. For example, when a controller is attached to a numerically controlled machine tool, part of the registration could include information about the machine tool. The machine tool could be identified with multiple occurrences of the REF segment. A similar situation would be if an engine were being replaced in a heavy duty truck. The REF segment could then be used to specify the vehicle.
9. There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number in data element 234-235 combinations. The other pairs can be used to provide other information about the product.
10. The PID segment can be used to provide additional information regarding the product. However, it

seldom will be required. When it is used, PID06, data element 752, is not required.

11. The QTY segment is used to reflect the quantity of items that do not have a serial number. QTY01 will have a discrete quantity qualifier of 01. For all items with a serial number, the value to be used is either explicitly or implicitly set to one.
12. The DTM segment in the LIN loop can be used to specify the dates that are significant to the registration such as delivery, installation, placed in service, failed, brought in for service, etc.
13. The REF segment can identify information about the product that was not able to be coded in the preceding segments. For example, it can be used to specify the warranty coverage code and the warranty registration number.
14. The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.
15. The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.
16. The PSC loop in the LIN loop refers to the warranty or service contract for the entire product described by the LIN segment. If special operating conditions that could affect the registration are to be noted, such as a household product being used commercially, this would be placed in the PSC segment. Unless noted to the contrary, it will be assumed that the product will be used in its most normal capacity. For example, a kitchen appliance, unless specifically stated to the contrary, will be assumed to be used within a household. The PSC loop also may be used when a for fee registration is being specified, such as an extended warranty or service contract. The PSC segment also may be used without the other segments in the loop to describe conditions of a standard, free warranty registration. The PSC segment is used to specify the period for the warranty or service contract. There may be other measures of service life of a product such as operation counter, an odometer to measure mileage of a vehicle, or a clock that measures operational hours.
17. The SSS special service segment is used in conjunction with the PSC segment to add any extra services to be specified within the service contract. For example, there may be a clause for 24 hour service or a guaranteed service response of no more than so many hours.
18. The repeated use of the AMT segment within the PSC loop allows the total amount of the contract to be specified as well as any special conditions on the amount.
19. The CUR segment is only required when the service contract is to be paid across national boundaries.
20. The ITA segment would be used in those special cases where the normal service contract cost does not apply. For example, in fleet sales, the product and its service contract may be bought from a local dealer, but because one purchaser buys many of them from several dealers spread across a geographic area, they get a discount or extra service on the purchase.
21. The TXI, Tax Information segment, can be used to list the sales tax paid on a service contract. Also it identifies the taxing authority.
22. The ITD segment is to be used in the case where the service contract is to be paid at regular intervals over the life of the contract. For example, the payments might be monthly or quarterly.
23. The N9 segment within the PSC loop can contain a unique code identifying the terms of the service contract. For example, repair order number or contract number as preassigned by the product's manufacturer. It also can be used to record the customer's method of payment for a service contract. It then would be used to contain the check number or charge card number. The expiration date on the charge card does not need to be recorded as the computer program entering the transaction only has to check that the card has not expired. N903 will be able to contain the name of the issuer of the card.
24. The SLN loop is used to describe subassemblies or parts within an assembly that may be covered by separate warranty conditions. A pair of data elements 234 and 235 in the SLN segment will be used to contain the serial number, lot number, model number, etc. of the subassembly being registered. All the loops and segments within the SLN loop perform the same functions for the subassemblies as their counterparts above did for the product.

25. The N1 loop within the SLN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale. However, the assembly whose information is in the N1 loop is part of the product specified in the SLN loop.
26. The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			140 Product Registration	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 77 Simulation Exercise <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transaction do not process as action documents which affect accountable records.</i>	M ID 2/2
Must Use	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
Must Use	BGN03	373	Date Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
Must Use	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths	X TM 4/8

(00-99)

1. Express the originating activity's time in UTC.**2. Express time in four position (HHMM) format.**

Not Used	BGN05	623	Time Code	O ID 2/2
Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				
Not Used	BGN06	127	Reference Identification	O AN 1/30
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
Must Use	BGN07	640	Transaction Type Code	O ID 2/2
Code specifying the type of transaction				
<div>W4</div> <div>Weapons Control Report</div> <div><i>Use when the transaction set contains a small arms report. Use with BGN08, code T, when the transaction set contains a small arms report inquiry.</i></div>				
<div>W5</div> <div>Weapons Control Report Reconciliation</div> <div><i>Use when the transaction set contains a small arms reconciliation report.</i></div> <div><i>Use as follows:</i></div> <div><i>as an original reconciliation report; or</i></div> <div><i>as a rejection of a reconciliation report (use with BGN08 code U); or</i></div> <div><i>as a correction to a previously submitted report which was rejected by the receiving registry.</i></div>				
	BGN08	306	Action Code	O ID 1/2
Code indicating type of action				
<div>AC</div> <div>Acknowledge</div> <div><i>Use to identify the resubmission of a reject transaction for which a response is not received within the allotted time frame. When using, cite code W5 in BGN07.</i></div>				
<div>T</div> <div>Status Query</div> <div><i>Use in conjunction with BGN07, code W4, when the transaction set contains a small arms report inquiry.</i></div>				
<div>U</div> <div>Reject</div> <div>Inability to accept for processing due to the lack of</div>				

required information

Use in conjunction with BGN07 code W5 when the transaction set contains a rejection of a small arms reconciliation report.

Not Used	BGN09	786	Security Level Code	O ID 2/2
Code indicating the level of confidentiality assigned by the sender to the information following				

Segment:	N1 Name
Position:	040
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use this 1/N1/040 to identify the organization originating the transaction set.</i>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Use only one of the following codes.</i>	
		B6 Registering Parent Party	
		An organizational entity (which is also a parent company) that is registering, for a program, e.g. to become a registered bidder	
		<i>Use to identify the central registry.</i>	
		KK Registering Party	
		The party requesting registration into a system	
		<i>Use to identify the component registry.</i>	
		RL Reporting Location	
		<i>Use to identify the reporting activity.</i>	
		SF Ship From	
		<i>Use in small arms reports of receipt to identify the activity which shipped small arms.</i>	
		ST Ship To	
		<i>Use in small arms reports of shipment or inquiries about small arms reports of shipment to identify the ship-to organization.</i>	
Not Used	N102	93 Name	X AN 1/60
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
M4	Department of Defense Routing Identifier Code (RIC)
	An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

Must Use N104 67 Identification Code X AN 2/80

Code identifying a party or other code

Not Used N105 706 Entity Relationship Code O ID 2/2

Code describing entity relationship

Must Use N106 98 Entity Identifier Code O ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

Must use with the appropriate 1/N101/040 code to indicate the organization is originating the transaction set.

FR Message From

Must use with the appropriate 1/N101/040 code to indicate the organizations cited in N104 is originating the transaction set.

Segment: **PER** Administrative Communications Contact

Position: 090

Loop: N1 Mandatory

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:****Notes:**

1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use to identify a POC and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
			<i>Must use in the first repetition to identify the primary point of contact (POC) and their primary communication number.</i>	
Must Use	PER02	93	Name	O AN 1/60
			Free-form name	
			<i>Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NM1 when a middle initial is not available.</i>	
Must Use	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>1. Use to identify the preferred method of communications in PER03/04. Use PER05/06 and PER07/08 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers.</i>	
			<i>2. Do not include blank spaces or dashes between numbers.</i>	
			AU Defense Switched Network	

				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
			EM	Electronic Mail
			FX	Facsimile
			IT	International Telephone
				<i>Include country and city code.</i>
			TE	Telephone
			TL	Telex
			TX	TWX
Must Use	PER04	364	Communication Number	X AN 1/80
				Complete communications number including country or area code when applicable
	PER05	365	Communication Number Qualifier	X ID 2/2
				Code identifying the type of communication number
				<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>
				<i>2. Do not include blank spaces or dashes between numbers.</i>
			AU	Defense Switched Network
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
			EM	Electronic Mail
			EX	Telephone Extension
				<i>Use immediately following code AU, IT, or TE to identify telephone extension.</i>
			FX	Facsimile
			IT	International Telephone
				<i>Include country and city code.</i>
			TE	Telephone
			TL	Telex
			TX	TWX
	PER06	364	Communication Number	X AN 1/80
				Complete communications number including country or area code when applicable
	PER07	365	Communication Number Qualifier	X ID 2/2
				Code identifying the type of communication number
				<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>
				<i>2. Do not include blank spaces or dashes between numbers.</i>

AU Defense Switched Network
Department of Defense telecommunications system
and successor of the Automatic Voice Network
(AUTOVON)

EM Electronic Mail

EX Telephone Extension

*Use immediately following code AU, IT, or TE to
identify telephone extension.*

FX Facsimile

IT International Telephone

Include country and city code.

TE Telephone

TL Telex

TX TWX

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when
applicable

Not Used PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Segment: **LX** Assigned Number
Position: 010
Loop: LX Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Use as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LX01	554 Assigned Number	M N0 1/6
		Number assigned for differentiation within a transaction set	
		<i>In the first 2/LX/010 loop iteration cite numeric 1. In each subsequent loop iteration increase incrementally by 1.</i>	

Segment:	REF Reference Identification
Position:	015
Loop:	LX Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Must use to identify the transaction number and suffix associated with the transaction.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification W8 Suffix Differentiates between partial actions taken on the original transaction <i>Use with code TN to identify the transaction number suffix.</i>	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification	X AN 1/30

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	N1 Name
Position:	020
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		B6	Registering Parent Party	
			An organizational entity (which is also a parent company) that is registering, for a program, e.g. to become a registered bidder	
			<i>Use to identify the central registry.</i>	
		KK	Registering Party	
			The party requesting registration into a system	
			<i>Use to identify the component registry.</i>	
		QD	Responsible Party	
			Person responsible for the affairs of the person having services rendered	
			<i>Use to identify the accountable organization responsible for the small arms. Identify the organization that last possessed the small arms when transmitting small arms reports of shipment. Identify the new accountable organization when changing or correcting the accountable activity.</i>	
		RL	Reporting Location	
			<i>Use to identify reporting activity when different from accountable activity.</i>	
		SF	Ship From	
			<i>Use in small arms reports of receipt to identify the activity which shipped small arms.</i>	

			ST	Ship To	
				<i>Use in small arms reports of shipment or inquiries about small arms reports of shipment to identify the ship-to organization.</i>	
Not Used	N102	93	Name		X AN 1/60
			Free-form name		
Must Use	N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			M4	Department of Defense Routing Identifier Code (RIC)	
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	Identification Code		X AN 2/80
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code		O ID 2/2
			Code describing entity relationship		
	N106	98	Entity Identifier Code		O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			TO	Message To	
				<i>Use with the appropriate 2/N101/020 codes to indicate the organizations cited in N104 are receiving the transaction.</i>	

Segment: **LM** **Code Source Information**

Position: 086

Loop: LM Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: *Must use the 2/LM/086 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment: **LQ** Industry Code
Position: 087
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes consistent with management information requirements.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	LQ01	1270 Code List Qualifier Code	O	ID 1/3
		Code identifying a specific industry code list		
		0	Document Identification Code	
			Codes that subclassify a transaction	
		COG	Cognizance Symbol	
			<i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		EW	Small Arms Error Transaction Reject Code	
			The type of small-arms transaction error	
		EX	Small Arms Transaction Code	
			Changes in small-arms status in the master file	
		IMC	Item Management Code	
			<i>Use to identify the Item Management Code (IMC) for integrated material management. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	
		MCC	Material Control Code	
			<i>Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>	

SMI

Special Material Identification Code

Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy -unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

Must Use	LQ02	1271	Industry Code	X	AN 1/30
Code indicating a code from a specific industry code list					

Segment:	LIN Item Identification
Position:	090
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<i>Must use this 2/LIN/090 loop to identify the material unique item identifier (UII) data and date information on small arms.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification		O AN 1/20
				Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	Product/Service ID Qualifier		M ID 2/2
				Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
				<i>Use only one of codes A3, AN, FS, or MG to identify the small arms item. Must use National Stock Number (NSN) when known.</i>	
			A3	Locally Assigned Control Number	
				Item identifier is a locally assigned control number used to catalog and manage material	

			<i>Use to identify the local control number (LCN).</i>	
		AN	Asset Number	
			<i>Use to identify the management control number (MCN).</i>	
		FS	National Stock Number	
		MG	Manufacturer's Part Number	
Must Use	LIN03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	LIN04	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government	
			<i>Use with LIN02 code MG to uniquely identify the manufacturer's part number.</i>	
	LIN05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN06	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN08	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN09	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN10	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN11	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN12	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN13	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN14	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN15	234	Product/Service ID	X AN 1/48

			Identifying number for a product or service	
Not Used	LIN16	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN17	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN18	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN19	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN20	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN21	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN22	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN23	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN24	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN25	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN26	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN27	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN28	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN29	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN30	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN31	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

Segment: DTM Date/Time Reference**Position:** 120**Loop:** LIN Mandatory**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use to identify dates associated with small arms shipment and receipt inquiries.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
			011	Shipped	
				<i>Use to indicate the small arms shipment date.</i>	
			050	Received	
				<i>Use to indicate the small arms receipt date.</i>	
			097	Transaction Creation	
				<i>Use to indicate the date of transaction preparation.</i>	
			598	Rejected	
				<i>Use to indicate the date of transaction rejection.</i>	
Must Use	DTM02	373	Date		X DT 8/8
			Date expressed as CCYYMMDD		
Not Used	DTM03	337	Time		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
			Code indicating the date format, time format, or date and time format		

Not Used	DTM06	1251	Date Time Period	X	AN 1/35
Expression of a date, a time, or range of dates, times or dates and times					

Segment:	REF Reference Identification
Position:	130
Loop:	LIN Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Must use at least one repetition to identify small arms UII data.</i>

Data Element Summary				
	Ref.	Data	Attributes	
	Des.	Element	Name	
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			SE Serial Number	
			<i>Use to identify the UII.</i>	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	N1 Name
Position:	140
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Use to identify the small arms manufacturer if duplicate UIIs are assigned to the same item identified in 2/LIN/090.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		MF Manufacturer of Goods	
Not Used	N102	93 Name	X AN 1/60
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		33 Commercial and Government Entity (CAGE)	
Must Use	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
Not Used	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	

Segment: **LM** **Code Source Information**

Position: 450

Loop: LM Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes:

- 1. Use the 2/LM/450 loop to identify coded information maintained in department agency documentation.*
- 2. Use the 2/LM/450 loop for reject reports and resubmissions, but only when the reject code varies among UIIs reported for the small arms item.*
- 3. Use only one iteration of the 2/LM/450 loop for each iteration of the 2/LIN/090 loop.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
Must Use	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	LQ Industry Code
Position:	460
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use to identify codes, as appropriate, consistent with management information requirements.</i></p> <p><i>2. Use only one repetition for each iteration of the 2/LIN/090 loop.</i></p>

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LQ01	1270 Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		EW Small Arms Error Transaction Reject Code	
		The type of small-arms transaction error	
Must Use	LQ02	1271 Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **SE** Transaction Set Trailer
Position: 470
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	